

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8204, 8214 & 8288 / Lab / **365** / 2019 - 20 Dated:- 04/01 / 2020 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Outlets and R - Minor 6 taking off at ch. 7.38 km of SDC of LBMC of TIP at Sarvan, Bicholim Goa.

Ref. to Requisition No.: WRD /WD VIII / SD VI / F.257 / 2019-20 /111 dated :- 09 / 12 / 2019.

Qty. Recived. : 03 Sets of cube Date of Receipt:- 09 / 12 / 2019. Tested on: -25 & 26/12 / 2019 & 02/01/2020 Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4 O.S No. : 1347/AF,2898 & 2920 /SS. Lab. Sample No.: 7133 TO 7135 Tested By: Mr. Anil. R. Fadte, J.E. & Mrs. S.B. Naik Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 27/11/2019, for Anchor blocks, Pillar of HRP and chambers of Outlet.	28 th day compressive strength	271.83	Kg/Cm ²	210.00 Kg/cm ²	25.13	Qty represents - 14.80 Cum.
			267.30	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	262.77	Kg/Cm²			
2	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 28/11/2019, for Anchor blocks, Pillar of HRP and chambers of Outlet.	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 14.50 Cum.
			210.67	Kg/Cm ²			
			201.61	Kg/Cm ²			
		Average	217.47	Kg/Cm²			
3	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 05/12/2019, for Bed concrete below pipe of outlets, Anchor blocks, Pillar of HRP and chambers of Outlet.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 14.00 Cum.
			208.40	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	220.49	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SDVI , WD VIII, WRD, Bicholim - Goa.

2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.

3. Copy submitted to The Executive Engineer,WD VIII ,WRD, Karaswada -Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer